

**S/N Unknown**

**PATENT**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant:	Dudi Amir	Examiner:	Unknown
Serial No.:	Unknown	Group Art Unit:	Unknown
Filed:	Herewith	Docket:	884.147US2
Title:	METHODS FOR MANUFACTURING PRINTED CIRCUIT BOARDS USING A PARTIAL PRINTING PROCESS AND APPARATUS		
Assignee:	Intel Corporation	Customer No.:	21186

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**INFORMATION DISCLOSURE STATEMENT**

Mail Stop Patent Application  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

In compliance with the duty imposed by 37 C.F.R. § 1.56, and in accordance with 37 C.F.R. §§ 1.97 *et. seq.*, the enclosed materials are brought to the attention of the Examiner for consideration in connection with the above-identified patent application. Applicant respectfully requests that this Information Disclosure Statement be entered and the documents listed on the attached Form 1449 be considered by the Examiner and made of record. Pursuant to the provisions of MPEP 609, Applicant requests that a copy of the 1449 form, initialed as being considered by the Examiner, be returned to the Applicant with the next official communication.

Pursuant to 37 C.F.R. §1.97(b), it is believed that no fee or statement is required with the Information Disclosure Statement.

Pursuant to 37 C.F.R. §1.98(d), copies of the listed documents are not provided as these references were previously cited by or submitted to the U.S. Patent Office in connection with Applicant's prior U.S. application, Serial No. 09/434,944, filed on November 5, 1999, which is relied upon for an earlier filing date under 35 U.S.C. §120.

INFORMATION DISCLOSURE STATEMENT

Serial No : Unknown

Filing Date: Herewith

Title: PARTIAL PRINTING PROCESS AND APPARATUS

Page 2

Dkt: 884.147US2

The Examiner is invited to contact the Applicant's Representative at the below-listed telephone number if there are any questions regarding this communication.

Respectfully submitted,

DUDI AMIR

By his Representatives,

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Date Sept. 8, 2003

By Ann M. McCrackin  
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"Express Mail" mailing label number: EV332568428US

Date of Deposit: September 8, 2003

This paper or fee is being deposited on the date indicated above with the United States Postal Service pursuant to 37 CFR 1.10, and is addressed to the Commissioner for Patents, Mail Stop Patent Application, P.O. Box 1450, Alexandria, VA 22313-1450.

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Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Complete if Known

Application Number Unknown

Filing Date Even Date Herewith

First Named Inventor Amir, Dudi

Group Art Unit Unknown

Examiner Name Unknown

Sheet 1 of 1

Attorney Docket No: 884.147US2

**US PATENT DOCUMENTS**

Examiner Initial *	USP Document Number	Publication Date	Name of Patentee or Applicant of cited Document	Class	Subclass	Filing Date If Appropriate
	US-5,185,040	02/09/1993	Sakai, N., et al.	118	406	11/15/1991
	US-5,287,806	02/22/1994	Nanzai, T.	101	123	06/23/1992
	US-5,524,537	06/01/1996	van der Meulen, A. M.	101	120	
	US-5,786,701	07/28/1998	Pedder, David J.	324	754	04/01/1996
	US-5,825,629	10/20/1998	Hoebener, Karl G., et al.	361	777	09/09/1996
	US-5,868,302	02/09/1999	Onishi, Hiroaki, et al.	228	180.21	09/04/1996
	US-5,909,634	06/01/1999	Hotchkiss, Gregory B., et al.	438	612	12/18/1997
	US-5,925,187	07/01/1999	Freeman, et al.	118	667	
	US-6,272,984	08/01/2001	Kato, et al.	101	129	08/01/2001
	US-6,286,422	09/01/2001	Lin, et al.	101	123	

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Foreign Document No	Publication Date	Name of Patentee or Applicant of cited Document	Class	Subclass	T <sup>2</sup>
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**OTHER DOCUMENTS -- NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		"DEK: Refinements to the ProFlow Cassette", <a href="http://www.dek.com/printing_machines/products/proflow2/semco/default.htm">http://www.dek.com/printing_machines/products/proflow2/semco/default.htm</a> , Semco products under license from DEK., (8/4/99), 6 pgs.	
		"Ultraprint 3000 HiE Series; Rheometric Pump Print Head", <a href="http://www.mpmcorp.com/ultra3000/rheopump/rheopump_faq_a10.html">http://www.mpmcorp.com/ultra3000/rheopump/rheopump_faq_a10.html</a> , MPM Corporation 1998, (1998), 20 pgs.	
		BELL, RICHARD, "Enclosed Print Heads- The Only Alternative?", IPC/SMTA Electronic Assembly Expo., 1998 Proceedings of the Technical Program, (1998), 571-575	
		CLASPER, SIMON, "Printing With Proflow Direkt Imaging", Nepcon West 99 Proceeding, (Feb. 21-25, 1999), 397-402	
		MANESSIS, D., et al., "A Characterization Study of Direct Imaging Technique for Stencil Printing of Thick Boards (0.125") in the Alternative Assembly and Reflow Technology (AART) or Pin-In-Paste Process", 23rd IEEE/CPMT International Electronic Manufacturing Technology Symposium, (Oct. 19-21, 1998), 92-99	
		NAUSS, ED, et al., "Rheometric Pump Print Head Technology", Proceedings of the Technical Program NEPCON West Conference '98, Vol. 1, (March 1-5, 1998), 237-241	
		PRASAD, RAY P., In: Surface Mount Technology, Principles and Practice, Kluwer Academic Publishers, (1997), 31-50; 404-421	

**EXAMINER****DATE CONSIDERED**

Substitute Disclosure Statement Form (PTO-1449)

\* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 809. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional) <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached